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L1	2	"370"/$4.ccls. and shar$6 same (task$4 or load$4) same ((P2P) or (peer$4 with peer$4)) same acknow$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 13:53
L2	59	"370"/$4.ccls. and (shar$6 or sharing or share$4) same (task$4 or job$4 or work$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and acknow$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:23
L3	7	"710"/$4.ccls. and (shar$6 or sharing or share$4) same (task$4 or job$4 or work$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and acknow$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:16
L4	1	"370"/229.ccls. and (shar$6 or sharing or share$4) same (task$4 or job$4 or work$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and acknow$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:23
L5	1	"370"/229.ccls. and (shar$6 or sharing or share$4) same (task$4 or job$4 or work$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and (acknow$7 or notif$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:23
L6	1	"370"/229.ccls. and (shar$6 or sharing or share$4) same (task$4 or job$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and (acknow$7 or notif$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:26
L7	0	"370"/229.ccls. and file$4 same (shar$6 or sharing or share$4) same (task$4 or job$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and (acknow$7 or notif$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:26

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L8	0	d file$4 same (shar$6 or sharing or share$4) same (task$4 or job$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and (acknow$7 or notif$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:26
L9	83	file$4 same (shar$6 or sharing or share$4) same (task$4 or job$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and (acknow$7 or notif$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:27
L10	0	709/232.ccls. and file$4 same (shar$6 or sharing or share$4) same (task$4 or job$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and (acknow$7 or notif$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:27
L11	1	709/231.ccls. and file$4 same (shar$6 or sharing or share$4) same (task$4 or job$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and (acknow$7 or notif$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:28
L12	7	709/219.ccls. and file$4 same (shar$6 or sharing or share$4) same (task$4 or job$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and (acknow$7 or notif$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:42
L13	0	710/20.ccls. and file$4 same (shar$6 or sharing or share$4) same (task$4 or job$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and (acknow$7 or notif$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:43
L14	4	"711"/$4.ccls. and file$4 same (shar$6 or sharing or share$4) same (task$4 or job$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and (acknow$7 or notif$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:49

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L15	0	"711"/112.ccls. and (shar$6 or sharing or share$4) same (task$4 or job$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and (acknow$7 or notif$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:50
L16	0	"711"/113.ccls. and (shar$6 or sharing or share$4) same (task$4 or job$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and (acknow$7 or notif$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:50
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L18	3	"711"/114.ccls. and (shar$6 or sharing or share$4) same (task$4 or job$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and (transfer$4 or transmit$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 14:51
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L20	38	709/219.ccls. and (shar$6 or sharing or share$4) same (task$4 or job$4) and (transfer$4 or transmit$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 16:14
L21	2	709/219.ccls. and (shar$6 or sharing or share$4) same (task$4 or job$4) same (transfer$4 or transmit$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 15:08

L22	6	709/232.ccls. and (shar$6 or sharing or share$4) same (task$4 or job$4) and (transfer$4 or transmit$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 15:09
L23	11	(shar$6 or sharing or share$4) same (task$4 or job$4) and (transfer$4 or transmit$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) same ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 16:31
L24	0	((P2P) or (peer$4 with peer$4))same shar$4 same (transfer$4 or transmit$4) same storage$4 same ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 16:32
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L27	16	((P2P) or (peer$4 with peer$4))same shar$4 same (transfer$4 or transmit$4) same storage$4 and ratio and "709"$4. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 16:36
L28	1	((P2P) or (peer$4 with peer$4))same shar$4 same (transfer$4 or transmit$4) same storage$4 and (adjust$4 or modif$4) same ratio and "709"$4. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 16:36
L29	2	((P2P) or (peer$4 with peer$4))same shar$4 same (transfer$4 or transmit$4) same storage$4 and (adjust$4 or modif$4) same ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 16:36
S1	4	shar$6 same (task$4 or load$4) same ((P2P) or (peer$4 with peer$4)) same acknow$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 13:52
S2	130	shar$6 same (task$4 or load$4) same ((P2P) or (peer$4 with peer$4)) and acknow$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 13:33

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S3	5	709/219.ccls. and shar$6 same (task$4 or load$4) same ((P2P) or (peer$4 with peer$4)) and acknow$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/07 18:46
S4	2199	709/231.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 13:32
S5	1726	709/232.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 13:32
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S7	107	shar$6 same (task$4 or job$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and acknow$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 14:59
S8	1	S4 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 14:34
S9	1	S5 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 14:40
S10	212	(shar$6 or sharing or share$4) same (task$4 or job$4 or work$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and acknow$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/09 13:55
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S12	0	(shar$6 or sharing or share$4) same (task$4 or job$4 or work$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and acknow$7 and 709/233.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 15:38

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S13	0	(shar$6 or sharing or share$4) same (task$4 or job$4 or work$4) same (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and acknow$7 and 709/233.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 15:38
S14	4	(shar$6 or sharing or share$4) same (task$4 or job$4 or work$4) and (upload$4 or (up adj load$4) or load$4 or download$4 or (down adj load$4)) and ((P2P) or (peer$4 with peer$4)) and acknow$7 and 709/233.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 16:15
S15	2	"6272675".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 17:29
S16	228	((p2p) or (P2P) or (peer with peer)) same (shar$6) same network$4 same stor$5 same (load$4 or (upload$4) or (up adj load$4) or (download$4) or (down adj load$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 17:49
S17	73	((p2p) or (P2P) or (peer with peer)) same (shar$6) same network$4 same stor$5 same (load$4 or (upload$4) or (up adj load$4) or (download$4) or (down adj load$4)) and "709"/$4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 17:54
S18	2	shar$6 same (file$4 or document$4) same (task$4 or load$4) same ((P2P) or (peer$4 with peer$4)) same acknow$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 21:30
S19	0	shar$6 same (file$4 or document$4) same (task$4 or load$4) same ((P2P) or (peer$4 with peer$4)) same acknow$7 and "711"/$4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 21:36
S20	3	shar$6 same (file$4 or document$4) same (task$4 or load$4) same ((P2P) or (peer$4 with peer$4)) and "711"/$4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/12/08 21:36

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1 Content delivery: Scheduling data-intensive bags of tasks in P2P grids with bittorrent-enabled data distribution ◼

Cyril Briquet, Xavier Dalem, Sébastien Jodogne, Pierre-Arnoul de Marneffe
June 2007 **Proceedings of the second workshop on Use of P2P, GRID and agents for the development of content networks UPGRADE '07**
Publisher: ACM Press
Full text available: 📄 pdf(341.80 KB)   Additional Information: full citation, abstract, references, index terms

Scheduling Data-Intensive Bags of Tasks in P2P Grids leads to transfers of large input data files, which cause delays in completion times. We propose to combine several existing technologies and patterns to perform efficient data-aware scheduling: (1) use of the BitTorrent P2P file sharing protocol to transfer data, (2) data caching on computational Resources, (3) use of a data-aware Resource selection scheduling algorithm similar to Storage Affinity, (4) a new Task selection scheduling algor ...

Keywords: BitTorrent, P2P, bag of tasks, caching, data sharing, grid, peer-to-peer, replication, scheduling

2 A taxonomy of Data Grids for distributed data sharing, management, and processing ■

Srikumar Venugopal, Rajkumar Buyya, Kotagiri Ramamohanarao
June 2006 **ACM Computing Surveys (CSUR)**, Volume 38 Issue 1
Publisher: ACM Press
Full text available: 📄 pdf(1.70 MB)   Additional Information: full citation, abstract, references, index terms

Data Grids have been adopted as the next generation platform by many scientific communities that need to share, access, transport, process, and manage large data collections distributed worldwide. They combine high-end computing technologies with high-performance networking and wide-area storage management techniques. In this article, we discuss the key concepts behind Data Grids and compare them with other data sharing and distribution paradigms such as content delivery networks, peer-to-peer n ...

Keywords: Grid computing, data-intensive applications, replica management, virtual organizations

3 ■
Constructing collaborative desktop storage caches for large scientific datasets
Sudharshan S. Vazhkudai, Xiaosong Ma, Vincent W. Freeh, Jonathan W. Strickland, Nandan

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1 Constructing collaborative desktop storage caches for large scientific datasets   ■
Sudharshan S. Vazhkudai, Xiaosong Ma, Vincent W. Freeh, Jonathan W. Strickland, Nandan
Tammineedi, Tyler Simon, Stephen L. Scott
August 2006 **ACM Transactions on Storage (TOS)**, Volume 2 Issue 3
Publisher: ACM Press
Full text available: 🔲 pdf(833.76 KB)   Additional Information: full citation, abstract, references, index terms

> High-end computing is suffering a *data deluge* from experiments, simulations, and
> apparatus that creates overwhelming application dataset sizes. This has led to the
> proliferation of high-end mass storage systems, storage area clusters, and data centers.
> These storage facilities offer a large range of choices in terms of capacity and access rate,
> as well as strong data availability and consistency support. However, for most end-users,
> the "last mile" in their analysis pipeline o ...
>
> **Keywords**: Distributed storage, parallel I/O, scientific data management, serverless
> storage system, storage cache, storage networking, storage resoucce management,
> storage scavenging, striped storage

2 FreeLoader: Scavenging Desktop Storage Resources for Scientific Data   ■
Sudharshan S. Vazhkudai, Xiaosong Ma, Vincent W. Freeh, Jonathan W. Strickland, Nandan
Tammineedi, Stephen L. Scott
November 2005 **Proceedings of the 2005 ACM/IEEE conference on Supercomputing SC
'05**
Publisher: IEEE Computer Society
Full text available: 🔲 pdf(410.23 KB)   Additional Information: full citation, abstract, index terms

> High-end computing is suffering a data deluge from experiments, simulations, and
> apparatus that creates overwhelming application dataset sizes. End-user workstations-
> despite more processing power than ever before-are ill-equipped to cope with such data
> demands due to insufficient secondary storage space and I/O rates. Meanwhile, a large
> portion of desktop storage is unused. We present the FreeLoader framework, which
> aggregates unused desktop storage space and I/O bandwidth into a shared cache/sc ...
>
> **Keywords**: Distributed storage, storage scavenging, storage cache, serverless storage
> system, scientific data management, parallel I/O, striped storage

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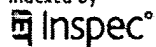((p2p file sharing and download and ratio)<in>metadata)   .Search

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1   Constructing collaborative desktop storage caches for large scientific datasets   ■

Sudharshan S. Vazhkudai, Xiaosong Ma, Vincent W. Freeh, Jonathan W. Strickland, Nandan Tammineedi, Tyler Simon, Stephen L. Scott
August 2006 **ACM Transactions on Storage (TOS)**, Volume 2 Issue 3
Publisher: ACM Press
Full text available: 📄 pdf(833.76 KB)   Additional Information: full citation, abstract, references, index terms

High-end computing is suffering a *data deluge* from experiments, simulations, and apparatus that creates overwhelming application dataset sizes. This has led to the proliferation of high-end mass storage systems, storage area clusters, and data centers. These storage facilities offer a large range of choices in terms of capacity and access rate, as well as strong data availability and consistency support. However, for most end-users, the "last mile" in their analysis pipeline o ...

Keywords: Distributed storage, parallel I/O, scientific data management, serverless storage system, storage cache, storage networking, storage resoucce management, storage scavenging, striped storage

2   Link and channel measurement: A simple mechanism for capturing and replaying   ■
wireless channels

Glenn Judd, Peter Steenkiste
August 2005 **Proceeding of the 2005 ACM SIGCOMM workshop on Experimental approaches to wireless network design and analysis E-WIND '05**
Publisher: ACM Press
Full text available: 📄 pdf(6.06 MB)   Additional Information: full citation, abstract, references, index terms

Physical layer wireless network emulation has the potential to be a powerful experimental tool. An important challenge in physical emulation, and traditional simulation, is to accurately model the wireless channel. In this paper we examine the possibility of using on-card signal strength measurements to capture wireless channel traces. A key advantage of this approach is the simplicity and ubiquity with which these measurements can be obtained since virtually all wireless devices provide the req ...

Keywords: channel capture, emulation, wireless

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1 **Constructing collaborative desktop storage caches for large scientific datasets**   ■
Sudharshan S. Vazhkudai, Xiaosong Ma, Vincent W. Freeh, Jonathan W. Strickland, Nandan Tammineedi, Tyler Simon, Stephen L. Scott
August 2006 **ACM Transactions on Storage (TOS)**, Volume 2 Issue 3
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High-end computing is suffering a *data deluge* from experiments, simulations, and apparatus that creates overwhelming application dataset sizes. This has led to the proliferation of high-end mass storage systems, storage area clusters, and data centers. These storage facilities offer a large range of choices in terms of capacity and access rate, as well as strong data availability and consistency support. However, for most end-users, the "last mile" in their analysis pipeline o ...

Keywords: Distributed storage, parallel I/O, scientific data management, serverless storage system, storage cache, storage networking, storage resoucce management, storage scavenging, striped storage

2 **Link and channel measurement: A simple mechanism for capturing and replaying**   ■
wireless channels
Glenn Judd, Peter Steenkiste
August 2005 **Proceeding of the 2005 ACM SIGCOMM workshop on Experimental approaches to wireless network design and analysis E-WIND '05**
Publisher: ACM Press
Full text available: 📄 pdf(6.06 MB)   Additional Information: full citation, abstract, references, index terms

Physical layer wireless network emulation has the potential to be a powerful experimental tool. An important challenge in physical emulation, and traditional simulation, is to accurately model the wireless channel. In this paper we examine the possibility of using on-card signal strength measurements to capture wireless channel traces. A key advantage of this approach is the simplicity and ubiquity with which these measurements can be obtained since virtually all wireless devices provide the req ...

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Keywords: channel capture, emulation, wireless

2   Incentives for content availability in memory-less peer-to-peer file sharing systems   ■
◆   Panayotis Antoniadis, Costas Courcoubetis, Ben Strulo
July 2005 **ACM SIGecom Exchanges**, Volume 5 Issue 4
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In this paper we address the issue of content availability in p2p file sharing systems. Content availability is a public good: the copying of a file by one peer does not prevent another peer also from copying it; but contributing files to the common pool is costly. The asymptotic analysis of certain public good models for p2p file sharing suggests that when the aim is to maximize social welfare, a fixed contribution scheme in terms of the number of files shared per unity of time can be asymptoti ...

Keywords: cheap pseudonyms, content availability, design, economics, public goods

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http://www.linuxelectrons.com/News/General/20051019191945975

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(P2P) file-sharing programs **to transfer** ...
http://communitydispatch.com/artman/publish/article_5079.shtml

2   FTC Clamps down on **File-sharing** Service Site | LinuxElectrons
... membership in MP3DownloadCity.com would allow users of **peer-to-peer (P2P) file-sharin**
to transfer copyrighted materials without ...
http://www.linuxelectrons.com/News/General/20051019191945975

3   Terms of Use
... one another **or** with other users on the Internet **or P2P file sharing** networks. ... Wide Wet
file sharing networks, sponsors, ...
http://www.razorpop.com/net/legal-use.php

4   **File Sharing** Operator Settles FTC Charges
Web site would allow users of **peer-to-peer (P2P) file-sharing** programs **to transfer** copyrig
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... membership in MP3DownloadCity.com would allow users of **peer-to-peer (P2P) file-sharin**
to transfer copyrighted materials without ...
http://www.ftc.gov/opa/2005/10/mp3.htm.

6   - Internet Scam Arrest & Actions - FTC Clamps down on **File-sharing** ...
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to transfer copyrighted materials without ...
http://supersurge.squarespace.com/scam-arrest-actions/2005/11/21/...

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number of **file-sharing** lawsuits taken ...
http://www.p2p-zone.com/underground/showthread.php?s=ef8f22fa8048...

2   Network and Networking Technology, Data Communication Terms, ...
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http://www.javvin.com/networkingterms/index.html

3   Linux Bandwidth Arbitrator User Guide
... disguised as HTTP pages. **Peer to peer or p2P file sharing** services are the most commor
applications ...
http://bandwidtharbitrator.com/Userguide5_6.html

4   thesis.dvi
... proprietary protocols **and** decentralized **peer-to-peer (P2P) file transfer** makes it difficult
IM traffic at ...
http://www.scs.carleton.ca/~mmannan/publications/msthesis.pdf

5   WWW.COLINFAHEY.COM : Spam : The Phenomenon
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http://www.colinfahey.com/oldpages/spam_topics/index.htm

6   Rodi Design
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example, **P2P or** proprietary VoIP ...
http://larytet.sourceforge.net/btRatDesign.shtml

7   We have two separate binaries - Core and UI.
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... the foundation of content **sharing. And** Omemo creates this new wave of **P2P** 2.0." ...
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